

# Gloucester City Council

<b>Meeting:</b>	<b>Council</b>	<b>Date:</b>	<b>18 March 2015</b>
<b>Subject:</b>	<b>Contract Award: Upgrade of CCTV system, camera IP network, maintenance, public WiFi and 4G coverage</b>		
<b>Report Of:</b>	<b>Cabinet Member for Communities and Neighbourhoods</b>		
<b>Wards Affected:</b>	<b>All</b>		
<b>Key Decision:</b>	<b>No</b>	<b>Budget/Policy Framework:</b>	<b>Yes</b>
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<b>Appendices:</b>	<b>1. CCTV/ WiFi costs (exempt by virtue of category 3 of Schedule 12A to the Local Government Act 1972)</b>		

## FOR GENERAL RELEASE

Note: The special circumstances for non-compliance with Access to Information Rule 5 and Section 100B (4) of the Local Government Act 1972 (as amended) (items not considered unless the agenda is open to inspection at least five days in advance of the meeting) were that the procurement timetable meant that the details could not be finalised until after the agenda was published.

### 1.0 Purpose of Report

1.1 To award the contract for the upgrade of the city centre CCTV system, camera IP network, maintenance, public WiFi and 4G coverage.

### 2.0 Recommendations

2.1 Council is asked to **RESOLVE** that:

- (1) The contract for the upgrade of the city centre CCTV system, camera IP network, maintenance, public WiFi and 4G coverage be awarded to British Telecommunications plc (BT) and for this to commence on 1 April 2015 for a period of five years with an option to extend to ten years, subject to satisfactory delivery of service during the initial five year period.
- (2) An additional £27,000 capital sum is agreed to cover the capital costs of this project.
- (3) An increase to the revenue budget, as set out in the financial implications, is agreed

### 3.0 Background and Key Issues

3.1 Following a report to Cabinet on 15 October 2014, the city council advertised for a contract for an upgrade of the city centre CCTV system, camera IP network,

maintenance, public WiFi and 4G coverage. The invitation to tender was published on the government procurement service website on 15 December 2014.

3.2 The city council's requirements outlined in the specification were:

#### **CCTV**

- Replace the majority of the CCTV cameras with new high definition (HD) cameras
- Re-locate some cameras and add some cameras – some to be operational before the start of the Rugby World Cup 2015
- Replace control room equipment with a type capable of using new HD cameras including new digital recording
- Take out a maintenance contract for the upgraded CCTV system

#### **Transmission**

- Replace the current analogue transmission system with a new internet protocol (IP) digital transmission system to support HD IP cameras
- Take out a maintenance contract for the transmission system

#### **Public WiFi**

- Provide public WiFi internet access for the general public in the city centre that must be operational in time for the Rugby World Cup 2015

#### **Street furniture concession to improve 4G mobile phone coverage**

- The grant of a concession in conjunction with Gloucestershire County Council for the use of CCTV columns and county council street furniture (including lighting columns) to allow enhanced 4G mobile phone coverage

3.3 The closing date for tenders to be received was 23 February 2015. This was extended from the initial closing date of 9 February 2015 following requests for an extension due to the complexity of the city council's requirements.

3.4 Five tenders were returned. The only tender received that met all of the city council's requirements was received from BT. The other tenderers were unable to provide a solution for 4G mobile phone coverage.

3.5 The tender received from BT has been evaluated and some questions have been asked of them to clarify some areas to ensure these were compliant. These have all been answered satisfactorily and the tender is fully compliant.

3.6 Since September 2012, the following steps have been taken:

- Approval for a capital budget was sought from the capital project steering group
- A technical consultant was selected and appointed
- Survey work and feasibility studies have been carried out

3.7 In addition, Gloucestershire Constabulary have been progressing work around their operational estate to include the relocation of the CCTV control room. A considerable amount of time has been spent working with the Constabulary to ensure that our new system would be compatible with a new control room. This has caused some unavoidable delays in the procurement process.

- 3.8 During the time of this project, Council asked for the provision of public WiFi in the city centre to be explored. The addition of public WiFi to the project has also caused some delay.
- 3.9 The tender has come in £22,000 above the capital cost approved by Council in September 2012. As the price quoted now also includes the provision of WiFi and 4G in the city, together with the fact that two and a half years have elapsed since this budget was approved, this is considered to be a reasonable increase.
- 3.10 A breakdown of the costs with an explanation of the implications is attached at appendix 1 (exempt information).
- 3.11 The cameras and network equipment selected by BT is market leading, high end equipment. This gives a reassurance of the quality and added value that BT would provide.
- 3.12 The fibre transmission that BT quoted for is a high quality, reliable system. It has been costed at a good price for a fibre transmission system and is cheaper than our current rental. Benefits of fibre over wireless transmission include:
- Higher quality picture
  - Picture quality maintained over longer distances
  - Fibre capable of faster transmission speeds
  - Highly secure and resilient as fibre optic cable extremely difficult to tap
  - Greater bandwidth capability
- 3.13 Wireless transmission would be a cheaper option but there are hidden costs. For example, if fibre got damaged by being cut through, it would be BT's responsibility to make the repairs and there would be no additional cost to the council. On the other hand, wireless systems rely on clear line of sight which can be broken by trees growing or buildings being erected, demolished or re-configured. These costs would be in addition to the annual maintenance fee paid and would be in the region of £2,000 - £3,000 each time. With regeneration in the city centre, this could become a relatively regular occurrence.
- 3.14 The proposed public WiFi system will significantly boost the performance of broadband mobile services available to residents, visitors and the council. It is estimated that it will meet the demands of visitors for the Rugby World Cup events coming to the city. The solution will make use of the CCTV sites and three lamp posts to provide the WiFi service in a designated area in the city centre.
- 3.15 BT will provide the WiFi service throughout the designated area at no charge to the public subject to end-users completing a one-off registration. The service will be unlimited in terms of data usage and duration. The network has been designed to meet the demands of smartphone and tablet users on the move. It will work seamlessly from one WiFi access point to another.
- 3.16 The 4G coverage using "small cells" proposed by BT is currently being rolled out in some of the UK's larger cities including London, Birmingham, Manchester, Leeds, Bradford and Southampton. "Small cells" are specifically for urban areas and the technology is addressing the challenges of buildings in dense urban areas blocking signal and the higher volume of users causing network congestion. This will help

the city keep ahead in terms of the future expectations and demands of residents and visitors to Gloucester city centre, particularly with the expected population increase.

- 3.17 The upgrade of 4G mobile phone coverage will not only improve connectivity for residents, visitors and businesses but will provide additional revenue for the council for the use of its assets – see appendix 1 (exempt information).

#### **4.0 Alternative Options Considered**

- 4.1 No other alternatives have been considered.

#### **5.0 Reasons for Recommendations**

- 5.1 The selected tenderer will provide the best quality service at a competitive price.

#### **6.0 Future Work and Conclusions**

- 6.1 Work will start from May 2015 to meet the council's specifications. Public WiFi in the city centre will be installed in readiness for the Rugby World Cup 2015.

#### **7.0 Financial Implications**

- 7.1 A capital budget over ten years has previously been approved. An additional £27,000 capital sum is now required to cover the increased capital costs of this project.

- 7.2 The budget approved at Council on 26 February 2015 included a £10,000 reduction in the CCTV budget in 16/17 and a further £20,000 in 17/18. This was in anticipation of the revenue savings which a new CCTV system was originally approved to deliver. This proposal therefore reflects a £5,000 pressure in 2015/2016, £15,000 in 2016/17 and an additional £35,000 cost per year from 2017/18 onwards.

- 7.3 Savings from elsewhere within the service will be explored to meet the additional revenue cost created.

(Financial Services have been consulted in the preparation of this report.)

#### **8.0 Legal Implications**

- 8.1 Legal services have been fully involved in this procurement process and will have the final say over the content of the contract.

- 8.2 The council has the power, under section 111 of the Local Government Act 1972, to do anything which is calculated to facilitate or is conducive or incidental to the discharge of any of its functions and this includes the power to enter into contracts for the discharge of any of its functions.

(Legal Services have been consulted in the preparation of this report.)

## **9.0 Risk & Opportunity Management Implications**

- 9.1 Positive outcomes will be achieved through a modern and reliable CCTV system that will help to reduce crime, the fear of crime and anti-social behaviour.
- 9.2 Public WiFi will offer benefits to local business, visitors and residents. It can provide internet access for people that could not otherwise afford it and help tourists avoid data roaming charges and find out information about the city.

## **10.0 People Impact Assessment (PIA):**

- 10.1 The PIA Screening Stage was completed and did not identify any potential or actual negative impact, therefore a full PIA was not required.

## **11.0 Other Corporate Implications**

### Community Safety

- 11.1 An effective CCTV system is an integral part of community safety to protect the public, prevent crime and provide public reassurance.

### Sustainability

- 11.2 None.

### Staffing & Trade Union

- 11.3 None.

**Background Documents:** City Centre Closed Circuit Television System – update report  
Cabinet: 15 October 2014

City Centre Closed Television System  
Council: 27 September 2012